

Paralleling link, for DILM40-65



**Part no.** DILM65-XP1  
**281195**  
**EL Number** 4110352  
**(Norway)**

General specifications	
Product name	Eaton Moeller® series DILM paralleling link
Part no.	DILM65-XP1
EAN	4015082811952
Product Length/Depth	77 millimetre
Product height	53 millimetre
Product width	47 millimetre
Product weight	0.24 kilogram
Certifications	UL 508 UL CSA Class No.: 3211-03 CSA CE IEC/EN 60947-4-1 UL File No.: E29096 UL Category Control No.: NLDX CSA File No.: 012528 CSA-C22.2 No. 14-05
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Paralleling link
Catalog Notes	AC1 current carrying capacity of the open contactor increases by a factor of 2.5
General information	
Accessory/spare part type	Connecting bridge
Product category	Accessories
Protection	Protected against accidental contact in accordance to VDE 0106 part 100
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
Terminal capacities	
Terminal capacity	1 x (16 - 120) mm <sup>2</sup> , stranded, Main cables 1 x (16 - 120) mm <sup>2</sup> , flexible with ferrule, Main cables 16 mm <sup>2</sup> , solid
Screw size	5 mm AF, Hexagon socket-head spanner, Terminal screw
Tightening torque	14 Nm, Screw terminal
Conventional thermal current I <sub>th</sub>	
Conventional thermal current I <sub>th</sub> of main contacts (1-pole, open)	180 A
Design verification	
Equipment heat dissipation, current-dependent P <sub>vid</sub>	1.5 W
Heat dissipation capacity P <sub>diss</sub>	0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>	0.5 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )	215 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018])			
Type of accessory/spare part			Connecting bridge
Accessory			Yes
Spare part			No